Sir:

In response to the Final Action mailed on March 19, 1999, and the Examiner's Answer (Paper #16) in the pending Appeal in this matter, please amend the above-identified application as indicated below.

IN THE CLAIMS

Please cancel Claims 1-29.

Please add the following claims:

30. (New) A reactive personnel protection system comprising:

a radar-based projectile detection system, wherein said radar based projectile detection system operates at a frequency of 8-20 Ghz;

at least one rapidly deployable air bag; and

a gas-generating system for rapid deployment of said air bag in response to detection of the approach of a projectile in proximity to said person by said detection system.

34. (New) A reactive personnel protection system comprising:

a radar-based projectile detection system, wherein said radar based projectile detection system operates at a frequency of 10.5 Ghz.;

at least one rapidly deployable air bag; and

a gas-generating system for rapid deployment of said air bag in response to detection of the approach of a projectile in proximity to said person by said detection system.

35. (New) A reactive personnel protection system comprising:

a radar-based projectile detection system, wherein said radar based projectile detection system has anti-jamming electronics;

at least one rapidly deployable air bag; and

a gas-generating system for rapid deployment of said air bag in response to detection of the approach of a projectile in proximity to said person by said detection system.

36. (New) A method to reactively protect personnel from the rapid approach of an object by deployment of an air bag prior to the arrival of the object at the location of said personnel, comprising the steps of:

detecting the approach of said object, wherein said detecting step is accomplished using a radar-based projectile detection system and wherein said object is a ballistic projectile;

discriminating the presence of said object with respect to the presence of electronic noise;

activation of a gas-generation system in response to discrimination of the presence of said object; and

deployment of an air bag between said object and said personnel responsive to said activation of said gas-generation system.

37. (New) The method of Claim 36, wherein said radar-based projectile detection system operates at a frequency of 8-20 Ghz.

38. (New) The method of Claim 36, wherein said radar-based projectile detection system operates at a frequency of 10.5 Ghz.